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a bearing element disposed within the housing; an oil sump to house lubricant for the bearing element; and

at least one motor driven electric fan mounted to the bearing housing, wherein the at least one fan is adapted to transfer heat from the bearing housing by forced convection.

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17. (Twice Amended) A method for controlling the temperature of a bearing having a housing and a bearing element disposed within the housing, the method comprising:

mounting at least one fan on the bearing housing to remove heat from bearing element lubricant disposed within the bearing housing;

disposing a temperature sensor within the bearing housing;

electrically coupling a logic controller between the at least one fan and the temperature sensor; and

adapting the logic controller to receive a signal from the temperature sensor and to operate the fan at various speeds in response to the signal received.

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23. (Amended) A bearing comprising:

a housing;

a bearing element disposed within the housing;

means for introducing forced air flow over an exterior surface of the bearing housing;

means for discerning a temperature of an element of the bearing; and

means for variably controlling the amount of forced air flow in correlation with the temperature discerned of the element of the bearing.

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26. (Amended) A system comprising:

a plurality of bearings, each bearing including a thermally conductive housing, a bearing element disposed within the housing;

a plurality of fans affixed to the housing of each bearing;

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a temperature sensor disposed within the housing of each bearing and corresponding to the fans affixed on the same bearing; and

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a logic controller adapted to receive a signal from each temperature sensor and to operate at least one of the corresponding fans at various speeds according to the received signal.

27. (Amended) The system of claim 26, further comprising an oil sump formed in each bearing housing, and wherein at least one of the fans is disposed adjacent to each oil sump.
